

Author index

Blattner, R. 29

Casu, B. 15

Dais, P. 1

Furmeaux, R.H. 29

Gellerstedt, G. 41

Guerrini, M. 15

Hashimoto, M. 95

Hatanaka, Y. 95

Kanaoka, Y. 95

Lehmann, J. 65

Li, J. 41

Lynch, G.P. 29

Mikros, E. 1

Naggi, A. 15

Nakatsubo, F. 53

Narimatsu, H. 95

Nishihara, S. 95

Nishimura, T. 53

Santini, F. 15

Sauriol, F. 1

Torri, G. 15

Weitzel, U.P. 65

Wilkinson, S.G. 109

Winn, A.M. 109

Yates, E.A. 15



Subject index

Allosamidin analogues, synthesis

Synthesis of allosamidin analogues 29

O-Antigen

Structure of the O20 antigen of *Stenotrophomonas* (*Xanthomonas* or *Pseudomonas*) *mal-tophilia* 109

Asperlin

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

Avidin-biotin system

Synthesis and characterization of a carbene-generating biotinylated *N*-acetylglucosamine for photoaffinity labeling of β -(1 \rightarrow 4)-galactosyl-transferase 95

Cello-oligosaccharide

First synthesis of cellobiose by a convergent synthetic method 53

Chemiluminescent detection

Synthesis and characterization of a carbene-generating biotinylated *N*-acetylglucosamine for photoaffinity labeling of β -(1 \rightarrow 4)-galactosyl-transferase 95

Chitinase inhibition

Synthesis of allosamidin analogues 29

Colorimetry

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

Concanavalin A

Synthesis and application of α -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

Conformation

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

Convergent synthetic method

First synthesis of cellobiose by a convergent synthetic method 53

4-Deoxy-L-threo-hex-4-enopyranosyluronic acid

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

Diazirines

Synthesis and application of α -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

β -(1 \rightarrow 4)-Galactosyltransferase

Synthesis and characterization of a carbene-generating biotinylated *N*-acetylglucosamine for photoaffinity labeling of β -(1 \rightarrow 4)-galactosyl-transferase 95

Glycosylation

First synthesis of cellobiose by a convergent synthetic method 53

Glycosyl fluoride

First synthesis of cellobiose by a convergent synthetic method 53

Glycosyl imidate

First synthesis of cellobiose by a convergent synthetic method 53

Heparin

^1H and ^{13}C NMR spectral assignments of the major sequences of twelve systematically modified heparin derivatives 15

High-vacuum system

First synthesis of cellobiose by a convergent synthetic method 53

Insecticides

Synthesis of allosamidin analogues 29

Kraft pulps

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

Labeled protein retrieval

Synthesis and characterization of a carbene-generating biotinylated *N*-acetylglucosamine for photoaffinity labeling of β -(1 \rightarrow 4)-galactosyl-transferase 95

Lipopolysaccharide

Structure of the O20 antigen of *Stenotrophomonas* (*Xanthomonas* or *Pseudomonas*) *malophilia* 109

Mannose-binding proteins

Synthesis and application of α -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

Mannosyl clusters

Synthesis and application of α -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

Molecular modeling

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

NOESY

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

Nuclear magnetic resonance spectroscopy

^1H and ^{13}C NMR spectral assignments of the major sequences of twelve systematically modified heparin derivatives 15

Phenyldiazirine

Synthesis and characterization of a carbene-generating biotinylated *N*-acetylglucosamine for

photoaffinity labeling of β -(1 \rightarrow 4)-galactosyl-transferase 95

Photoaffinity labeling

Synthesis and characterization of a carbene-generating biotinylated *N*-acetylglucosamine for photoaffinity labeling of β -(1 \rightarrow 4)-galactosyl-transferase 95

Photoaffinity labelling

Synthesis and application of α -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

Polysaccharides

^1H and ^{13}C NMR spectral assignments of the major sequences of twelve systematically modified heparin derivatives 15

Quantitative analysis

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

Stenotrophomonas maltophilia

Structure of the O20 antigen of *Stenotrophomonas* (*Xanthomonas* or *Pseudomonas*) *malophilia* 109

Xylan

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

